

# Alamitos Bay and Los Cerritos Channel Watershed Management Area

Watershed Management  
Program Comments  
April 13, 2015

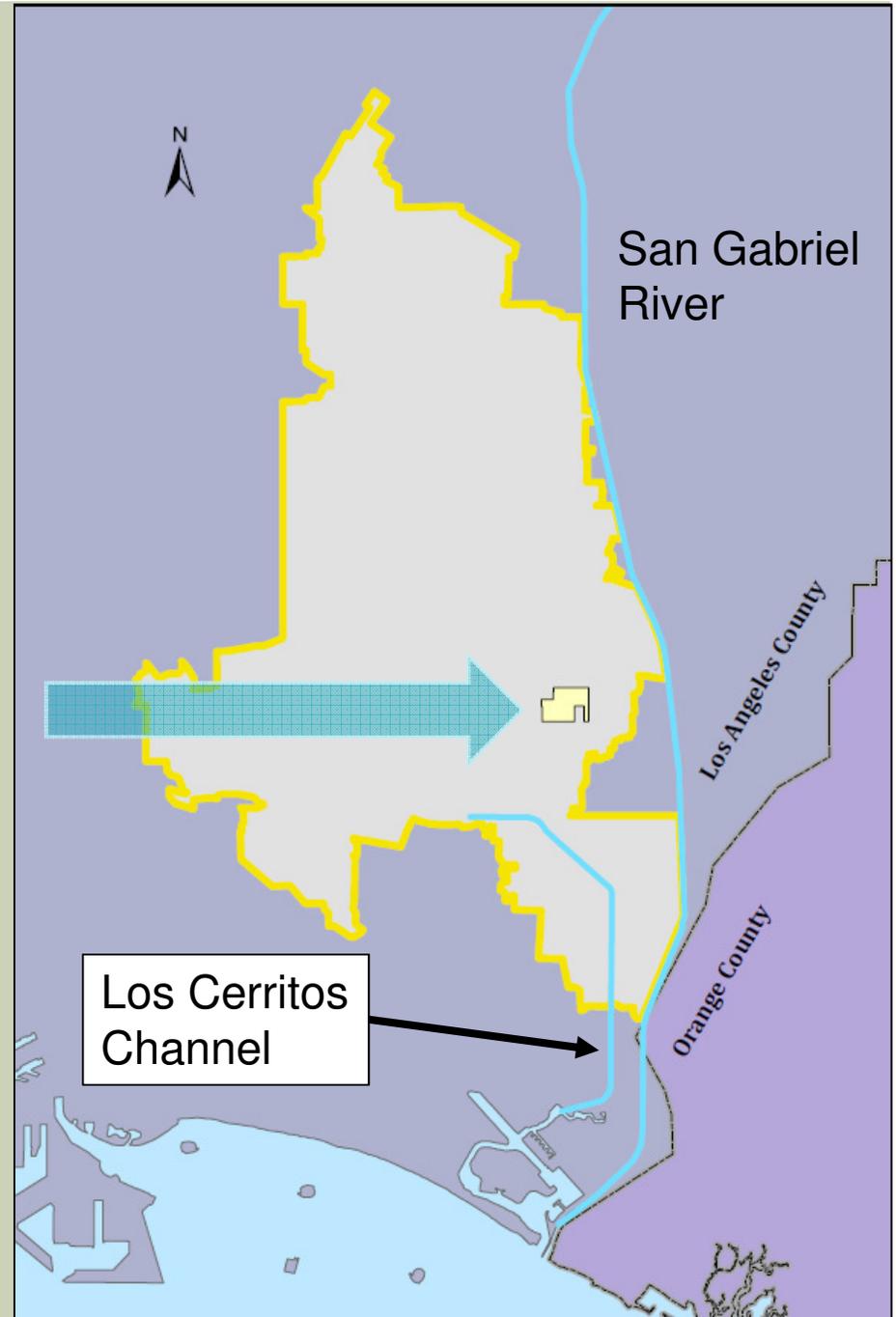


# Comments Received

- Received Regional Board's WMP comments on October 27, 2014
  - Resubmitted WMP on January 27, 2015
- Received Regional Board CIMP comments on November 20, 2014
  - Resubmitted CIMP on February 17, 2015

# Unincorporated County Island

- Located in Los Cerritos Channel Watershed
- Landlocked by the City of Long Beach
- 95 acres
- Unincorporated County comprises less than 1% of Los Cerritos Channel Watershed



# Unincorporated County Island



Palo Verde  
Drain

- Predominately single family residential neighborhood
- 3 catch basins



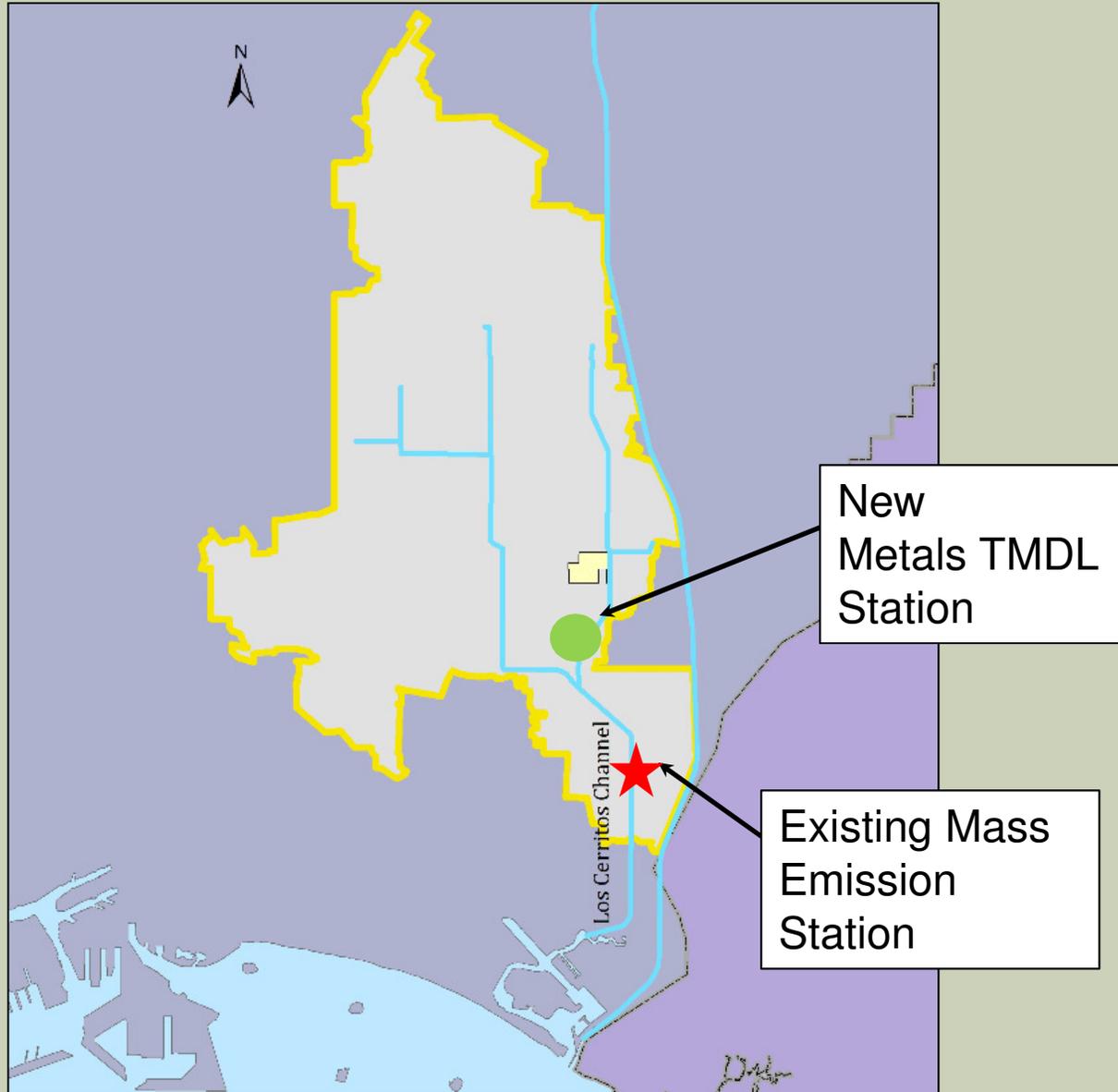
# Water Quality Priorities

## County Island

- Los Cerritos Channel Metals TMDL
- Greater Harbors Toxics TMDL

Waterbody	Category 1 (Highest Priority)		Category 2 (High Priority)	Category 3 (Medium Priority)	Low Priority Pollutants
	Pollutant	TMDL			
Los Cerritos Channel	Copper (wet and dry)	LCC Metals	Ammonia	MBAS	Cadmium (wet)
	Lead	LCC Metals/DC Toxics	Bis(2ethylhexyl) phthalate (DEHP)	Enterococcus	Chlorpyrifos (wet)
	Zinc	LCC Metals/DC Toxics	Chlordane (Sediment)		Chromium (wet)
	DDT (fish tissue)	DC Toxics	Coliform Bacteria		Diazinon (wet and dry)
	PCBs (fish tissue)	DC Toxics	Trash		Dissolved Silver (wet)
	Chlordane (fish tissue)	DC Toxics	pH		
	PAHs (sediment)	DC Toxics			
	Toxicity (sediment)	DC Toxics			

# Monitoring Strategy



# WMP/CIMP Comments

- Majority of comments asked for more clarification.
  - January 15, met with RB staff.
- Provide a schedule showing interim metal reductions.
- Modeling Comments:
  - Provide time series output for pollutants
  - Analyze category 2 & 3 pollutants (Zinc still governed)
  - Analyze dry weather Copper reductions
- Include quarterly seasonal dry weather screening.
  - Initially proposed 3 screenings (didn't specify season).
- Accelerate monitoring schedule.

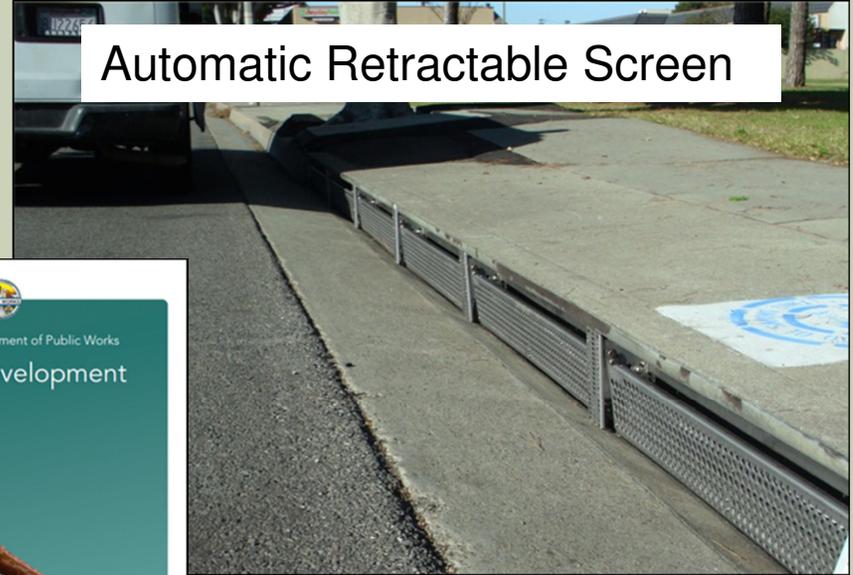


# Actions prior to First LCC Metals Interim Limit

Monitoring Station



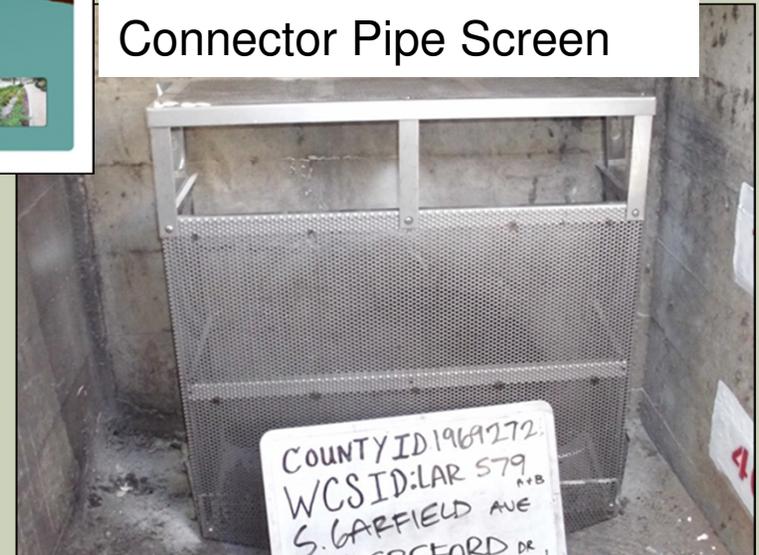
Automatic Retractable Screen



Regenerative Air Sweeper

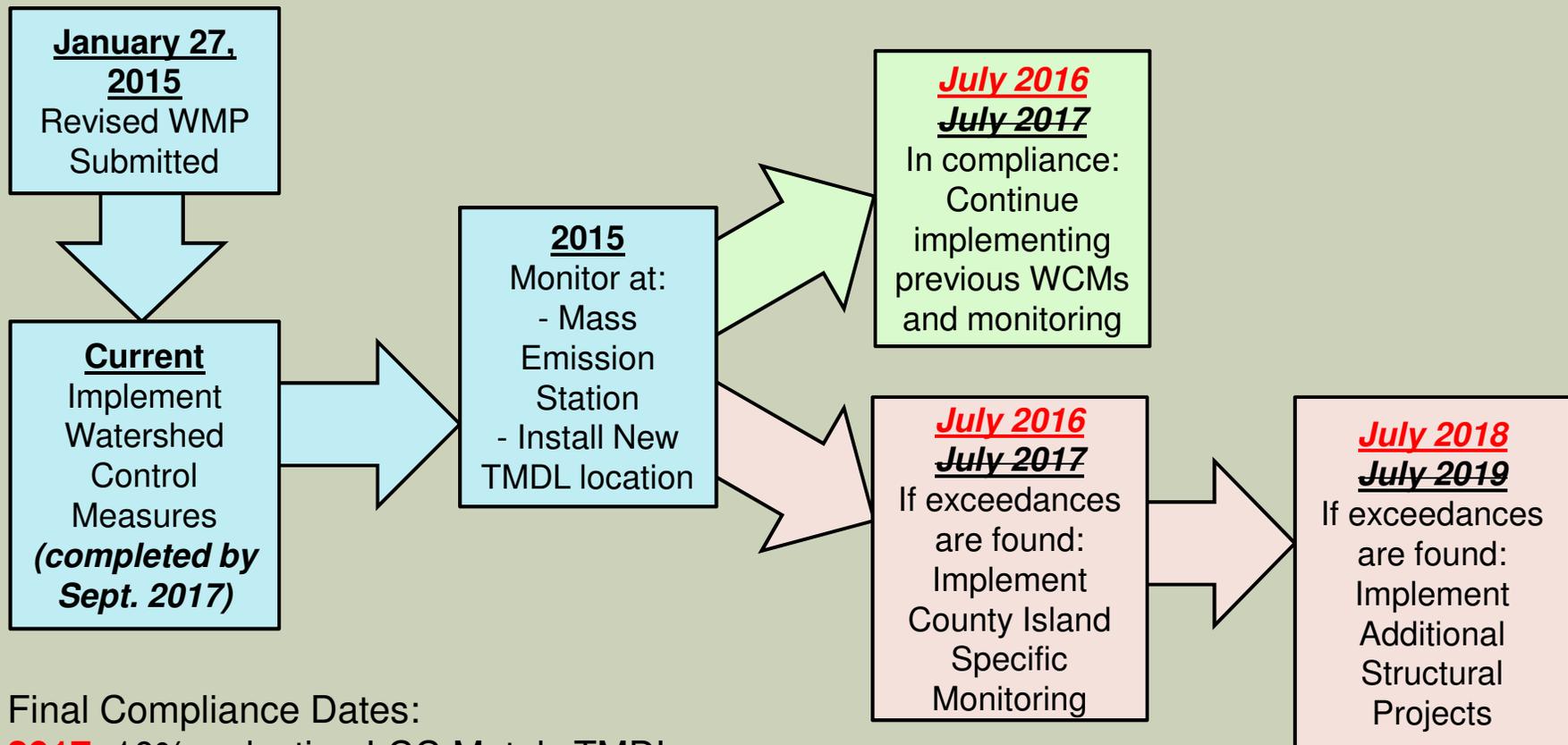


Connector Pipe Screen



# Updated Pollutant Reduction Strategy

- Computer modeling shows a 72% reduction in zinc is needed by 2026



Final Compliance Dates:

**2017**: 10% reduction LCC Metals TMDL

**2020**: 35% reduction LCC Metals TMDL

**2023**: LCC Metals Dry Weather Final Compliance

**2026**: LCC Metals Wet Weather Final Compliance

**2032**: Harbors Toxics TMDL Final Compliance

## **Next Steps**

- **Continue to implement identified Watershed Control Measures**
- **Monitoring efforts have begun**
- **Evaluate monitoring data**
- **If needed, implement additional Structural Projects to meet water quality priorities**



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